

ATLAS MC Tutorial

ATLAS MC Tutorial 2011 —
17th March 2011

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DESY

Tutorial

You (should) have learned how MC generators work and how you run them standalone. Now it is time to learn the ATLAS way.

- You will learn, how to run MC generators in the ATLAS framework.
- We will cover explicitly Pythia, Sherpa and Herwig++
- You will learn, how to look/work with the ATLAS evgen output.

Thanks already to Sebastian Johnert, Jan Kotanski, Liza Mijovic and Frank Siegert for preparing tutorials.

Agenda

ATLAS MC Tutorial

Convener: Wolfgang Ehrenfeld

Location: Seminar Room 2

15:00 **NAF Introduction** 15'

Speakers: Wolfgang Ehrenfeld (DESY)

15:15 **NAF exercise** 30'

Speakers: Wolfgang Ehrenfeld (DESY)

15:45 **Event Generation in ATLAS** 30'

Speakers: Liza Mijovic (DESY)

16:15 **Coffee** 15'

16:30 **Pythia6 Exercise** 1h00'

Speakers: Liza Mijovic (DESY)

17:30 **Exercise with Sherpa** 1h00'

Speakers: Frank Siebert (Freiburg)

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09:00 **Herwig++ Exercise** 1h00'

Speakers: Jan Kotanski (Hamburg University/DESY)

10:00 **Coffee** 20'

10:20 **Simple Event Analysis** 1h00'

Speakers: Wolfgang Ehrenfeld (DESY)

11:20 **Event Analysis with HepMCAnalysisTool** 1h00'

Speakers: Sebastian Johnert (DESY)

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